PTO/SB/21 - MODIFIED
09/2004IRO
CC**TRANSMITTAL
FORM***to be used for all correspondence after initial filing*

* plus 6 cited references

Application Number	09/737,743
Filing Date	12/18/2000
First Named Inventor	Sehat SUTARDJA
Group Art Unit	2631
Examiner Name	Phuong M. Phu
Attorney Docket Number	MP0020

Total number of pages in this submission including transmittal

6 *

ENCLOSURES (check all that apply)

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Fee Attached - Credit Authorization
<input type="checkbox"/> Amendment / Reply
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Express Abandonment Request
<input checked="" type="checkbox"/> Information Disclosure Statement
with PTO 1449 Forms and 6 cited references
<input type="checkbox"/> Certified Copy of Priority
Document(s)
<input type="checkbox"/> Response to Missing Parts/
Incomplete Application
<input type="checkbox"/> Response to Missing Parts
under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers
(for an Application)
<input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Licensing-related Papers
<input type="checkbox"/> Petition
<input type="checkbox"/> Petition to Convert to a
Provisional Application
<input type="checkbox"/> Power of Attorney, Revocation
Change of Correspondence
Address
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Request for Refund
<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Appeal Communication to Board
of Appeals and Interferences
<input type="checkbox"/> Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Status Letter
<input type="checkbox"/> Other Enclosure(s) (identify below): |
|---|---|--|

REMARKS

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name KATTEN MUCHIN ROSENMAN, LLP

Signature

Printed Name Andrew J. Bateman

Reg. No. 45,573

Date: 10/07/2005

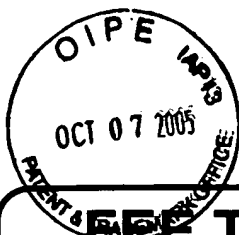
CERTIFICATE OF FACSIMILE TRANSMISSION OR MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO via fax no. (703) 872-9306 or is being deposited with the US Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or Printed Name

Date:



FEE TRANSMITTAL for FY 2005

Effective 10/01/2005. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180.00**

Complete if Known

Application Number	09/737,743
Filing Date	12/18/2000
First Named Inventor	Sehat SUTARDJA
Examiner Name	Phuong M. Phu
Art Unit	2631
Attorney Docket No.	MP0020

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account

50-1710

Account Name

KATTEN MUCHIN ROSENMAN, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	300	2001	150	Utility Filing Fee	
1111	500	2111	250	Utility Search Fee	
1311	200	2311	100	Patent Examination Fee	
SUBTOTAL (1)					(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		- 20** =		X	50.00	=	
Independent		- 3** =		X	200.00	=	
Multiple Dependent					360.00	=	

Large Entity		Small Entity		Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	50	2202	25	Claims in excess of 20	
1201	200	2201	100	Independent claims in excess of 3	
1203	360	2203	180	Multiple dependent claim, if not paid	
1204	200	2204	100	** Reissue independent claims over original patent	
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 0.00

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee \$	Fee Code	Fee \$	Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	250	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	500	2452	250	Petition to revive - unavoidable (1.17(l))	
1453	1,500	2453	750	Petition to revive - unintentional (1.17(m))	
1501	1,400	2501	700	Utility issue fee (or reissue)	
1502	800	2502	400	Design issue fee	
1503	1,100	2503	550	Plant issue fee	
1460	130	1460	130	Petitions to the Director	
1807	50	1807	50	Processing fee - provisional app (1.17(q))	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (1.129(a))	
1814	130	2814	65	Statutory Disclaimer	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Req for expedited examination - Design App	
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(\$)
180.00**

SUBMITTED BY

Name: Andrew J. Bateman

Registration No.: 45,573

Telephone: (202) 625-3547

Signature: Andrew J. Bateman

Date: 10/07/2005

MP0020

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Examiner: Phoung M. Phu
Sehat SUTARDJA, et al.) Group Art Unit: 2631
Application No.: 09/737,743)
Filed: December 18, 2000)
For: ACTIVE REPLICA TRANSFORMER)
HYBRID) Date: October 7, 2005

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 CFR § 1.56 and the requirements of MPEP § 2001.06(c), and in accordance with the practice under 37 CFR §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449s and to the attached copies of any non-U.S. Patent or literature references cited thereon.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

No fee is believed necessary for the submission of this Information Disclosure Statement. However, if deemed necessary, the Commissioner is authorized to charge the IDS fee of \$180.00 to Deposit Account No. 50-1710.

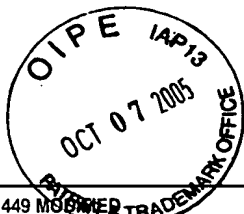
Should the Examiner have any questions, Applicant's undersigned attorney is reachable by telephone in our Washington, D.C. office at (202) 625-3547. The correspondence address of record is provided below.

IP Docket
Katten Muchin Rosenman, LLP
1025 Thomas Jefferson St., NW
East Lobby, Suite 700
Washington, DC 20007-5201
Facsimile No.: (202) 298-7570

Respectfully submitted,
KATTEN MUCHIN ROSENMAN, LLP

By: Andrew J. Bateman
Andrew J. Bateman
Registration No. 45,573

10/12/2005 HAL111 00000092 09737743
01 FC:1806 180.00 OP



FORM PTO 1449 MODIFIED
U.S. PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

MP0020

APPLICATION NO.

09/737,743

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Sehat SUTARDJA

DATE SUBMITTED TO USPTO: October 7, 2005

FILING DATE

12/18/2000

GROUP

2631

OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.)

*EXAMINER
INITIALS

Dunning, Jim, "An All-Digital Phase-Locked Loop with 50-Cycle Lock Time Suitable for High-Performance Microprocessors," IEEE JOURNAL OF SOLID-STATE CIRCUITS, Vol. 30, No. 4, April 1995, pp. 412-422

Maneatis, John G., "FA 8.1: Low-Jitter and Process-Independent DLL and PLL Based on Self-Biased Techniques"

Moon, Yongsam, et al., "An All-Analog Multiphase Delay-Locked Loop Using a Replica Delay Line for Wide-Range Operation and Low-Jitter Performance," IEEE JOURNAL OF SOLID-STATE CIRCUITS, Vol. 35, No. 3, March 2000, pp. 377-384

Wang, HongMo, "WP 23.8: A 9.8GHz Back-Gate Tuned VCO in 0.35 μ m CMOS," ISSCC99, Session 23, Paper WP 23.8, 1999 IEEE INTERNATIONAL SOLID-STATE CIRCUITS CONFERENCE, pp. 406-407 & 484

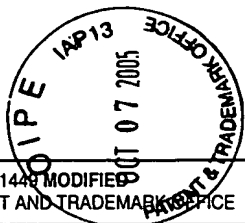
Rudell, et al., "SA 18.3: A 1.9 GHz Wide-Bank IF Double Conversion CMOS Integrated Receiver for Cordless Telephone Applications," 1997, pp. 304-305, 476.

Goldberg, Lee, "Gigabit Ethernet PHY Chip Sets LAN Speed Record for CopperStory," TECH INSIGHTS, November 16, 1998, 6 pages

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO 1449 MODIFIED
U.S. PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

APPLICATION NO.

MP0020

09/737,743

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Sehat SUTARDJA

DATE SUBMITTED TO USPTO: October 7, 2005

FILING DATE

GROUP

12/18/2000

2631

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,202,528	04/13/1993	IWAOOJI			
	5,898,340	04/27/1999	CHATTERJEE, et al.			
	6,556,677	04/29/2003	HARDY			

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT (Yes or No)

OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.)

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.